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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/685,808 | 10/16/2003 | Do Nyun Kim | HI-0181 | 5133 |
| 34610 | 7590 | 03/20/2006 | EXAMINER | |
| FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153 | | | HILLERY, NATHAN | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2176 | |
| DATE MAILED: 03/20/2006 | | | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

1. This action is responsive to communications: Application filed on 10/16/03.
2. Claims 1 – 19 are pending in the case. Claims 1 and 17 are independent.

A search and preliminary analysis demonstrate that the claimed subject cannot be adequately searched by class or keyword among patents and typical sources of non-patent literature. Please note in response, a Requirement for Information under 37 C.F.R. 1.105 is attached below.

Requirement for Information - 37 C.F.R. § 1.105

3. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.

- a. Based on Applicant's disclosure of prior art on p 1, line 24 – p2, line 2 of the specification, the claimed invention is based upon or is an extension of a standard – International Standard Organization standard for MPEG-21 (ISO/IEC SC29/WG11).
- b. Based on Applicant's disclosure on p 7, lines 6 – 8, the claimed invention is directed to improving technologies within the narrow field of MPEG-21 and specific terms of art within this field have not been defined or explained in such a way as to produce an adequate keyword search of the claimed invention.
- c. Search and preliminary analysis demonstrate that prior art and/or references within the field of the claimed invention are mostly in foreign languages or patents.

4. The information is required to identify products and services embodying the disclosed subject matter of a DIAinDID descriptor inside a DID instance document using a "ChoicePrecedence" and identify the properties of similar products and services found in the prior art.

5. In response to this requirement, please provide a list of keywords that are particularly helpful in locating publications related to the disclosed art of digital item declaration documents containing a DIAinDID, ChoicePrecedence, TargetChoice, SpecifiedPrecedence, BaseChoice, Preemptive, Delete, reset, reorder, and before.

6. In response to this requirement, please provide a list of citations to electronically searchable databases or other indexed collections containing publications that document the knowledge within the disclosed art of digital item declaration documents containing a DIAinDID, ChoicePrecedence, TargetChoice, SpecifiedPrecedence, BaseChoice, Preemptive, Delete, reset, reorder, and before.

7. In response to this requirement, please provide a copy of each of the following items of art referred to in the disclosure of prior art on p 1, line 24 – p2, line 2 of the specification – International Standard Organization standard for MPEG-21 (ISO/IEC SC29/WG11).

8. In response to this requirement, please provide copies of each publication which any of the applicants authored or co-authored and which describe the disclosed subject matter of a DIAinDID descriptor inside a DID instance document using a "ChoicePrecedence".

9. In response to this requirement, please provide the title, citation and copy of each publication that any of the applicants relied upon to draft the claimed subject matter.

For each publication, please provide a concise explanation of the reliance placed on that publication in distinguishing the claimed subject matter from the prior art.

10. In response to this requirement, please provide the names of any products or services that have incorporated the claimed subject matter.

11. In response to this requirement, please state the specific improvements of the subject matter in claims 1 – 16 over the disclosed prior art and indicate the specific elements in the claimed subject matter that provide those improvements. For those claims expressed as means or steps plus function, please provide the specific page and line numbers within the disclosure which describe the claimed structure and acts.

12. In responding to those requirements that require copies of documents, where the document is a bound text or a single article over 50 pages, the requirement may be met by providing copies of those pages that provide the particular subject matter indicated in the requirement, or where such subject matter is not indicated, the subject matter found in applicant's disclosure.

13. The fee and certification requirements of 37 CFR 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 CFR 1.105 that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communication responding to this requirement and any information disclosures beyond the scope of this requirement

under 37 CFR 1.105 are subject to the fee and certification requirements of 37 CFR 1.97.


14. This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of 2 months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan Hillery whose telephone number is (571) 272-4091. The examiner can normally be reached on M - F, 10:30 a.m. - 7:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R. Herndon can be reached on (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NH


HEATHER R. HERNDON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100